

Test Number: NPP_LDOPE_SeedFile_Checkout_Day2

Test Date: 10/1/13

Last Revised:

Discipline: All

Test Title: Test using VI and Snow Seed Files generated by LDOPE.

Test Objective: This test will verify that the seed files generated with the new LDOPE tool which converts Aqua MODIS datasets to NPP seed files are of acceptable quality using data from 2013246.

Test Time Interval: 2013246

Machine/Archive Set: ops7, two archive sets, to be determined by Operator. One for the baseline and one for the run with the LDOPE seed files. NOTE: we can use the same 2 archive sets used in the NPP_LDOPE_SeedFile_Checkout_Day1 test scenario.

Related Test(s): NPP_LDOPE_SeedFile_Checkout_Day1

Baseline DataSet:

Input DataSet: AS3100 products from L1 C1 Reprocessing

Actions: (special notes or processes)

1) Establish a clone of the following data from ops4/laads AS3001 for 2013246 to both archive sets.

NPP_GRCMAE_L1
NPP_IMFT_L1
NPP_MOFT_L1
NPP_VMAE_L1
NPP_VIAE_L1

2) Establish a clone of the following Ancillary datasets from ops4/laads AS3100 for 2013245 – 2013247 to both test archive sets:

NCEP_GFS03_ANC
NCEP_GFS06_ANC
NCEP_GFS09_ANC
NCEP_GFS12_ANC
NCEP_GFS15_ANC
NCEP_GFS18_ANC
NCEP_GFS21_ANC
NCEP_GFS24_ANC
NPP_NAAPS_03H
NPP_NAAPS_06H
NPP_NAAPS_09H

NPP_NAAPS_12H
 NPP_NAAPS_15H
 NPP_NAAPS_18H
 NPP_NAAPS_21H
 NPP_NAAPS_24H

3) Clone the following seed files into the baseline testing archiveset:

Seed Files:

ESDT	PGE StartTime	BeginUseTime	FileCount
NPP_D17RNDVIS_L3	2013-08-22 00:00:00	2013-08-24 00:00:00	300
NPP_DVSNICIPS_L3	2013-07-15 00:00:00	2013-07-26 00:00:00	460
NPP_QSTLWMIPS_L3	2013-01-01 00:00:00	2012-01-01 00:00:00	460

NOTE: The NppSeedFileUsage database table will need entries for the NPP_D17LALBS_L3, NPP_D17RNDVIS_L3, and NPP_Q*_L3 seed files added to it once the test archive set has been identified.

4) Ingest the following data into the ops7 database, the archive set where the LDOPE seed files will be used:

Under /NPPdata2/cdavidson/LDOPE_Seed_Samples, there are 2 subdirectories named “Snow” and “VI” both of which have a subdirectory named “246”. Please ingest the VI/246 and Snow/246 datasets. Once done, we will need to insert entries to the NppSeedFileUsage database table specific to the test archive set and these sets of Snow and VI.

5) Clone the following seed files into the LDOPE seed file testing archiveset:

Seed Files:

ESDT	PGE StartTime	BeginUseTime	FileCount
NPP_QSTLWMIPS_L3	2013-01-01 00:00:00	2012-01-01 00:00:00	460

NOTE: The NppSeedFileUsage database table will need entries for the above seed files added to it once the test archive set has been identified.

Recipes/PGEs to be executed in both archive sets:

Special processing note for the GGMmc recipe. In both archive sets, GGMmc should only be run for profiles 1, 2, and 5.

<u>Recipe</u>	<u>Version</u>	<u>PGE</u>	<u>Version</u>	<u>Type</u>	<u>PGE Name</u>
L14mc	2.2.2	312	P2.2.1	OPS	VIIRS L2G Area Weight
		374	P2.2.1	OPS	VIIRS L2G NearestNeighbor
GGAmc	2.2.2	351	P2.2.2	OPS	VIIRS L2 NAAPS Gran
GGMmc	2.2.5	353	P2.2.2	OPS	VIIRS L2 Grid-to-Gran
		394GGMmc	C2.2.4	OPS	VIIRS Subsetter
GGNmc	2.2.3	350	P2.2.3	OPS	VIIRS L2 NCEP Gran
L2amc	2.2.0	330	P2.2.0	OPS	VIIRS L2 Active Fire
L2bmc	2.2.7	303	P2.2.2	OPS	VIIRS L2 CM
		394L2bmc	C2.2.4	SCI	VIIRS Subsetter

Test output products to be archived to LAADS:

NPP_IMFT_L1
NPP_MOFT_L1
NPP_VMAE_L1
NPP_VIAE_L1
NPP_AVAF_L2
NPP_VAFIP_L2
NPP_VAFIP_L2C
NPP_CMIP_L2
NPP_CMIP_L2C

Data Set Volume: Approximately

NPP Test Group Notes

Changes to Test Plan:

Final Plan Approved by:

Date:

Test Started:

Test Completed:

Verified in LAADS

Production Notes:

***Additional Processing Notes:

Test Results:

Data Set Removal Information

Date:

Approved by: